



# Betty Ford Alpine Gardens CoNPS Update

September 18, 2020



# Conservation Overview

- Alpine Strategy
  - Strengthening partnerships
  - Expanding conservation capabilities
- Field activities
  - Seed collections





The background of the slide is a close-up photograph of an alpine environment. It features several bright blue flowers with yellow centers, likely forget-me-nots, growing from a rocky, uneven terrain. The rocks are light brown and tan, with some green moss or lichen visible in the crevices. The lighting is bright, suggesting a sunny day.

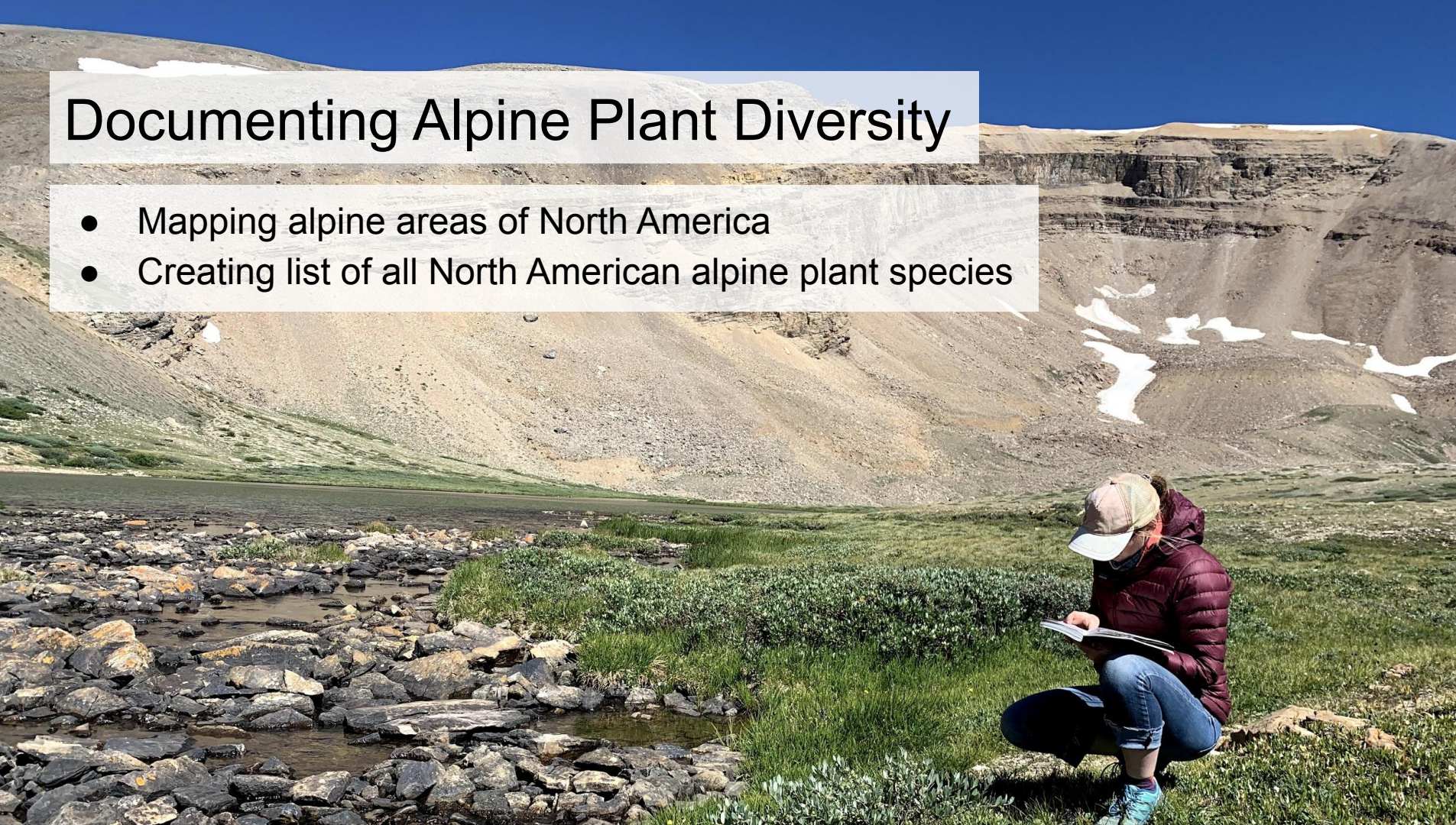
# The Alpine Strategy

- North American Botanic Garden Strategy for Alpine Conservation
  - Understanding and documenting alpine plant diversity
  - *In-situ* and *ex-situ* conservation
  - Education and outreach
  - Capacity building



# Documenting Alpine Plant Diversity

- Mapping alpine areas of North America
- Creating list of all North American alpine plant species







# *In-Situ* and *Ex-Situ* Alpine Plant Conservation

## **Conserving plants within and outside their habitats**

- Surveys of Important Plant Areas
- Rare plant documentation
- Threat assessments and land designations
- Seed collecting



# Capacity Building

The background of the slide is a close-up photograph of a rocky, gravelly ground. Scattered across the light-colored, irregularly shaped stones are numerous small, white, five-petaled flowers with yellow centers. The plants are low-growing and have small, green, needle-like leaves. The overall scene is brightly lit, suggesting a sunny day in a natural, possibly alpine or tundra, environment.

## Strengthening Partnerships

- Field collections and surveys with Denver Botanic Gardens
- Collaborations with the Center for Plant Conservation and the National Laboratory for Genetic Resources Preservation at the USDA
- Data sharing agreement with Colorado Natural Heritage Program

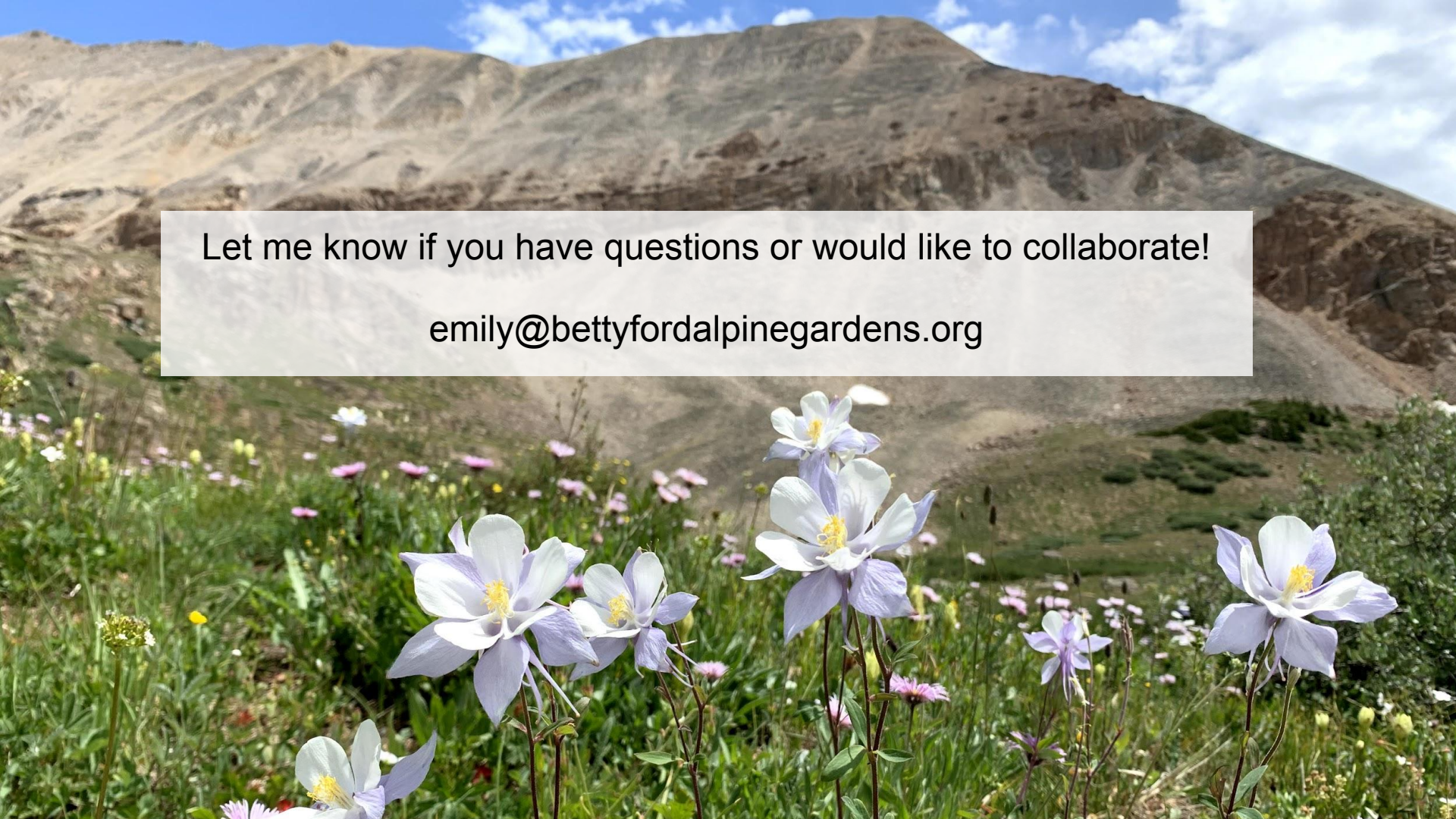


# Field Activities

- Collected 71 vouchers of 41 alpine species from 9 locations
- Collected seed August-Sept
  - 19 species already collected, will continue as long as weather permits
- Surveyed several Important Plant Areas of Colorado







Let me know if you have questions or would like to collaborate!

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